



PTO/SB/17 (12-04)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/01/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 1220.00**Complete if Known**

Application Number	10/768,085
Filing Date	February 2, 2004
First Named Inventor	Toshimichi MINOWA
Examiner Name	D TRAN
Art Unit	3661
Attorney Docket No.	056203.44307C3

**METHOD OF PAYMENT** (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):  
☒ Deposit Account Deposit Account Number: **05-1323 (Docket No. 056203.44307C3)** Deposit Account Name: **23911**  
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  
☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) ☒ Credit any overpayments  
under 37 CFR 1.16 and 1.17

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra claims	Fees (\$)	Fee Paid (\$)	Multiple Dependence Claims	Fee (\$)	Fee Paid (\$)
-20 or HP	x	=				
HP = highest number of total claims paid for, if greater than 20						
Indep. Claims	Extra claims	Fees (\$)	Fee Paid (\$)			
4	- 3 or HP	1	x 200.00	=	200.00	
HP = highest number of total claims paid for, if greater than 3						

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

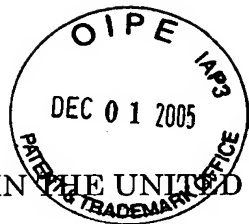
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	Round up to a whole number x	=	

**4. OTHER FEES**Non-English Specification, \$130 fee (no small entity discount)  
Other**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 25,406	Telephone (202) 624-2500
Name (Print/Type)	James F. McKeown		Date December 1, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/768,085 Confirmation No. : 6560  
First Named Inventor : Toshimichi MINOWA  
Filed : February 2, 2004  
TC/A.U. : 3661  
Examiner : D TRAN

Docket No. : 056203.44307C3  
Customer No. : 23911

Title : Automotive Control Apparatus and Method

**REPLY UNDER 37 CFR §1.111**

**Mail Stop AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following amendments and remarks are respectfully submitted in response to the Office Action dated June 3, 2005.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 5 of this paper.

12/02/2005 JADD01 00000093 10768085

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